

Marion County

Total Population: 797,159



Kids:

203,185



Vehicles:

603,997



**Regional
Toxic Air
Releases:**

3,300,000
pounds
in 1996

Elkhart County

Total Population: 156,198



Kids:

44,477



Vehicles:

128,148



**Regional
Toxic Air
Releases:**

9,800,000
pounds
in 1996

Vanderburgh County

Total Population: 165,058



Kids:

39,410



Vehicles:

128,962



**Regional
Toxic Air
Releases:**

5,800,000
pounds
in 1996

Some of the Chemicals and Compounds IDEM's Air Toxic Monitoring Will Study

Ranked by Health Risk

Health Effects

Methylene Chloride

Found in plastics and pharmaceutical manufacturing as well as paint stripper.

Exposure to very high concentrations can cause dizziness, headaches, sleepiness, confusion, nausea, difficulty in speaking and walking, and unconsciousness. Possibly causes cancer.

Styrene

Used in production of polystyrene plastics in recreational vehicles, boats, pools and spas.

Breathing styrene can cause headaches, confusion, dizziness, sleepiness and memory loss. Possibly causes cancer.

Toluene, Benzene, Xylene, Ethylbenzene

Common components of gasoline. Used in printing operations. A byproduct of coke ovens.

Breathing high levels affects the brain and can cause headaches, confusion, dizziness, sleepiness and memory loss. Benzene causes cancer. Toluene possibly causes cancer.

Health Effects

Trichloroethylene (TCE)

Used as a solvent for cleaning metal parts.

Breathing high levels may cause nervous system effects, liver and lung damage, abnormal heartbeat, coma and possibly death. Probably causes cancer.

Tetrachloroethylene (Perchloroethylene)

Used for dry cleaning and metal degreasing.

Exposure to very high concentrations can cause dizziness, headaches, sleepiness, confusion, nausea, difficulty in speaking and walking, and unconsciousness. Possibly causes cancer.

Formaldehyde

Found in some gluing operations, especially wood gluing such as particle or flake board.

Causes eye irritation and can exaggerate problems like asthma. Probably causes cancer.

Hexachlorobutadiene

An industrial solvent and heat transfer fluid.

Can damage the kidneys and liver and may cause kidney tumors.